

April 2023 Climate Summary for the Denver Area



Nice April Spring Day
Photo taken by David Barjenbruch

The month started out mild and dry as a weak upper level ridge of high pressure moved over Colorado. Denver experienced colder unsettled weather from the 4th through the 6th as an upper level trough of low pressure and associated cold front moved across the Northern and Central Rockies. Dry and much warmer weather returned to the Front Range Urban Corridor on the 7th and continued through the 13th as upper level high pressure dominated the Rocky Mountain Region. During this period, temperatures on the plains reached or exceeded 80 degrees three consecutive days from the 11th through the 13th. Cooler temperatures along with light precipitation returned on the 14th and 15th as another storm system moved across the area. The weather turned drier and warmer on the 17th and 18th as upper level high pressure rebuilt over the region. From the 19th through the 26th persistent northwesterly flow aloft combined with occasional storm systems and cold fronts resulted in below normal temperatures and periods of precipitation across the forecast area. The month ended with dry weather and above normal temperatures as upper level high pressure rebuilt over the region.

TEMPERATURES:

The average temperature at Denver International Airport for the month of April was 47.8 degrees F. which is normal for the month of April. The temperature climbed to 85 degrees on the 11th and 12th, setting new record high temperatures for both days. The previous record highs were 80 and 79 degrees set back in 1982 and 1979 respectively. The min temperature for the month was 11 degrees on the morning of the 5th. This set as new record low for the date which previously was 12 degrees set back in 1983.

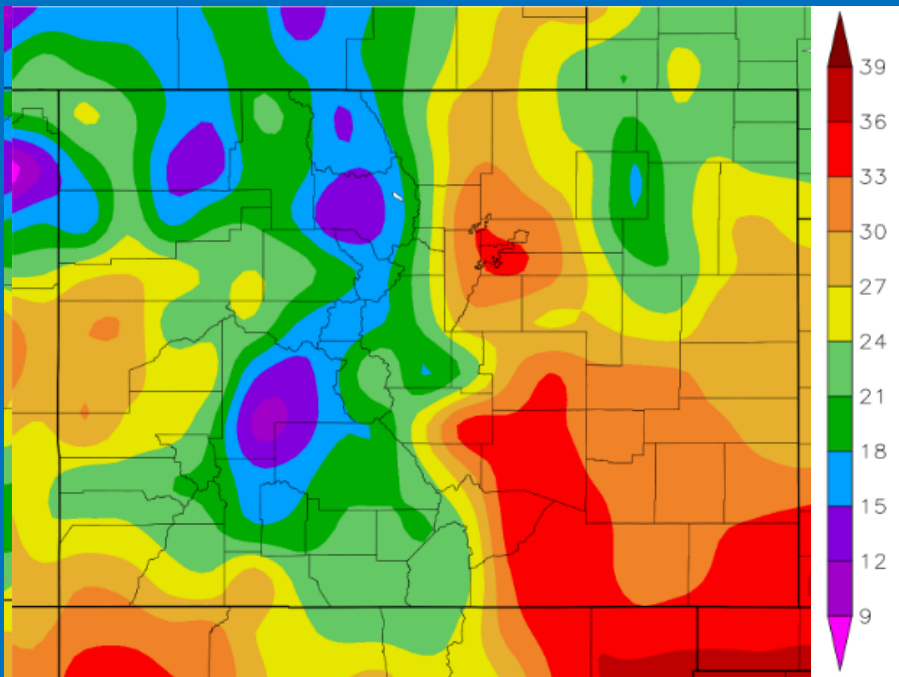
TEN WARMEST APRIL AVERAGE TEMPERATURES IN DENVER WEATHER HISTORY: SINCE 1872: DEGREES F

- 56.4 – 1981
- 56.3 – 1946
- 55.5 – 1930
- 55.3 – 1943
- 54.8 – 1992
- 53.8 – 1881
- 53.6 – 1954
- 53.3 - 2012, 1888
- 53.2 - 1948

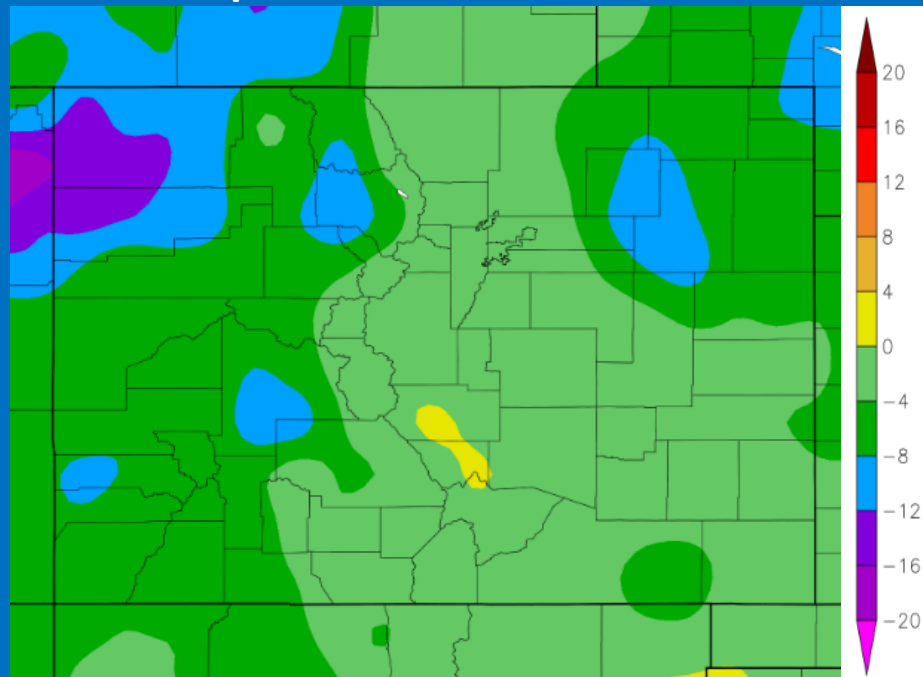
TEN COLDEST APRIL AVERAGE TEMPERATURES IN DENVER WEATHER HISTORY: SINCE 1872: DEGREES F

- 38.8 – 1920
- 40.5 – 1997
- 41.0 – 1983
- 41.1 – 1873
- 41.4 – 1957
- 41.7 – 2013
- 42.2 – 1945
- 42.3 – 1984
- 42.5 – 1899
- 42.6 - 1918

**Average Temperature
April 2023 (°F)**



**April 2023 Temperature
Departure from Normal(°F)**



Graphics generated by HPRCC using provisional data

PRECIPITATION:

Denver measured only 0.80 inches of precipitation during the month which is 0.88 inches below the monthly average of 1.68 inches. There were 7 days during month with measurable precipitation, with the greatest daily amount of 0.31 inches measured on the 25th.

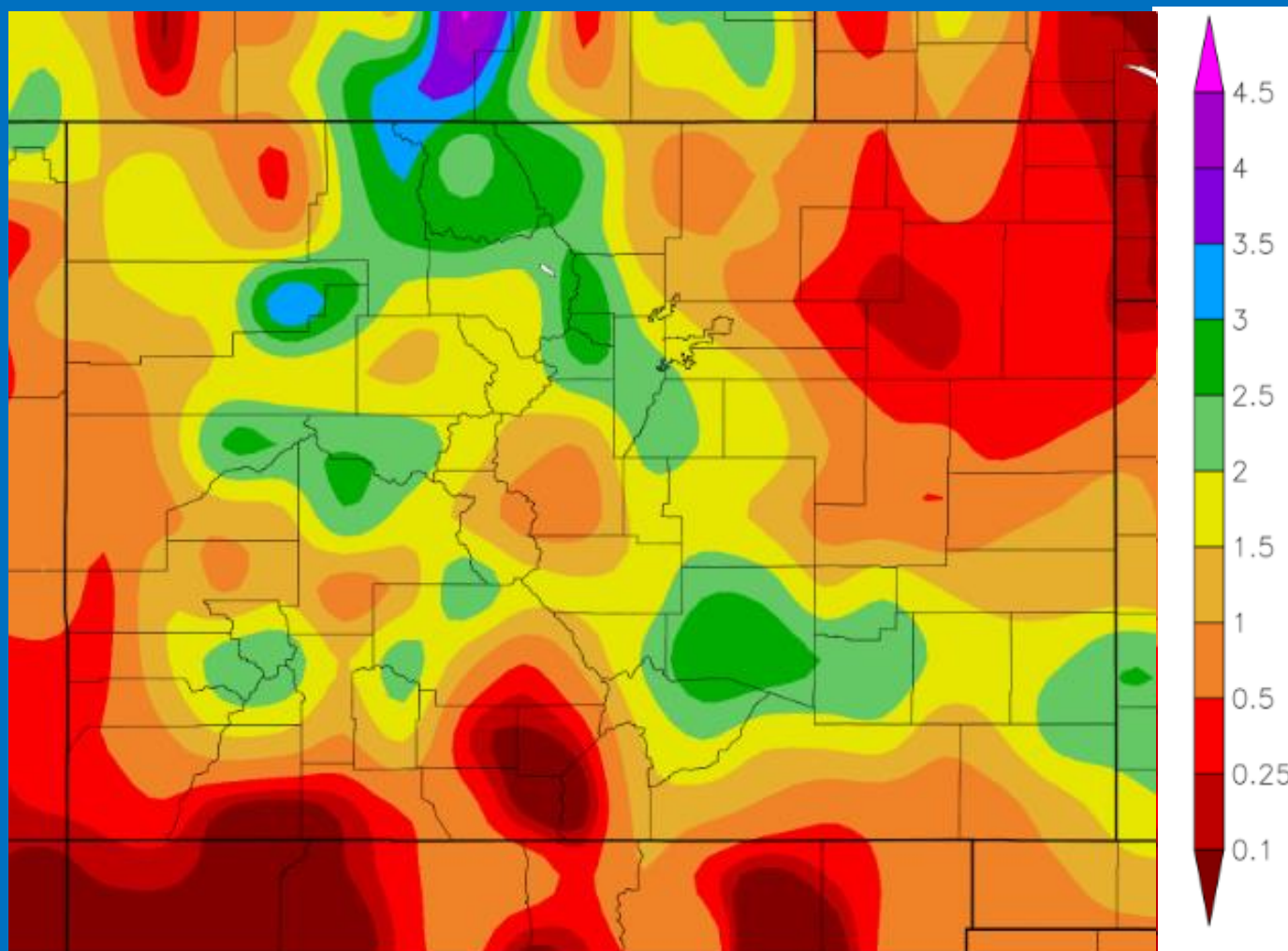
TEN WETTEST APRIL TOTALS IN DENVER WEATHER HISTORY SINCE 1872: INCHES:

- 8.24 – 1900
- 5.86 – 1999
- 4.95 – 1905
- 4.94 – 1885
- 4.13 – 1957
- 4.09 – 1933
- 4.07 – 1935
- 4.01 – 1942
- 3.95 – 1967
- 3.75 - 1914

TEN DRIEST APRIL TOTALS IN DENVER WEATHER HISTORY SINCE 1872: INCHES:

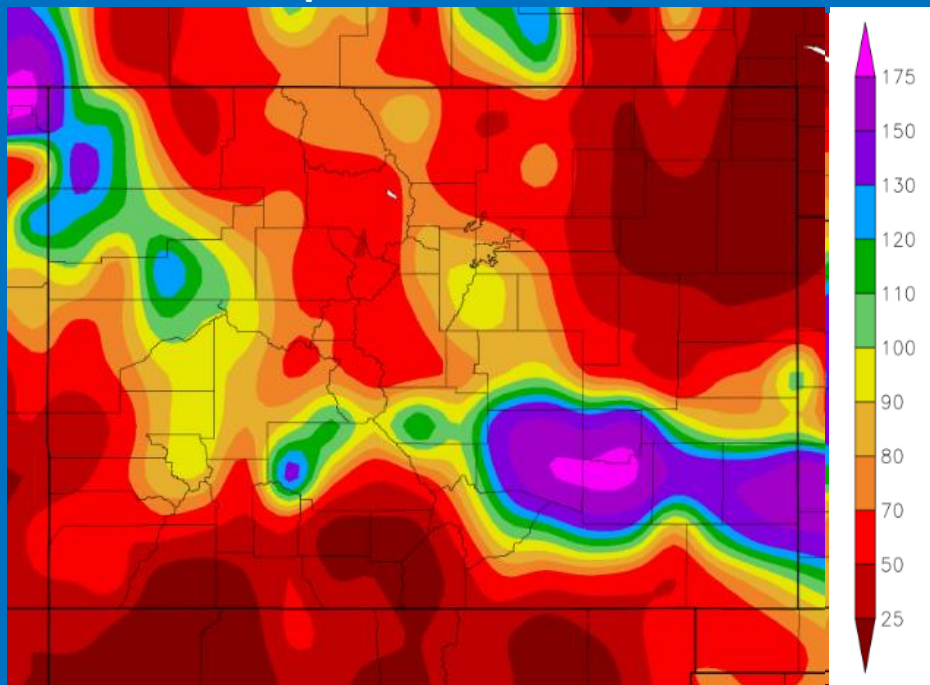
- 0.03 – 1963
- 0.05 – 1878
- 0.06 -- 2023
- 0.23 – 2002
- 0.31 – 1880
- 0.32 – 2008
- 0.33 – 1996
- 0.34 – 1982
- 0.39 – 1908
- 0.40 – 1925

April 2023 Precipitation (Inches)

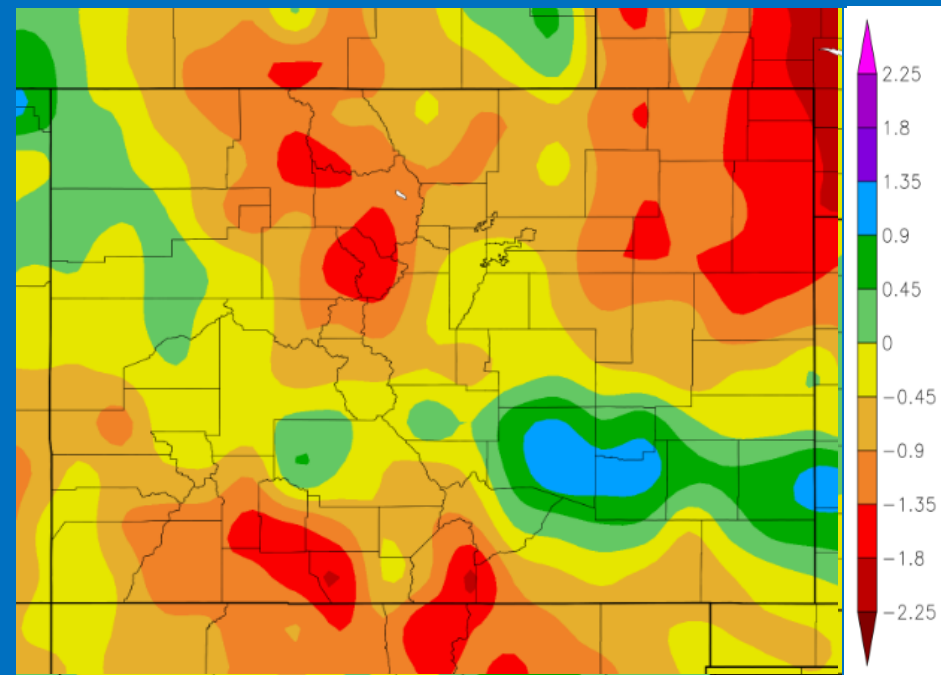


Graphic generated by HPRCC using provisional data

Percent of normal Precipitation (%)
April 2023

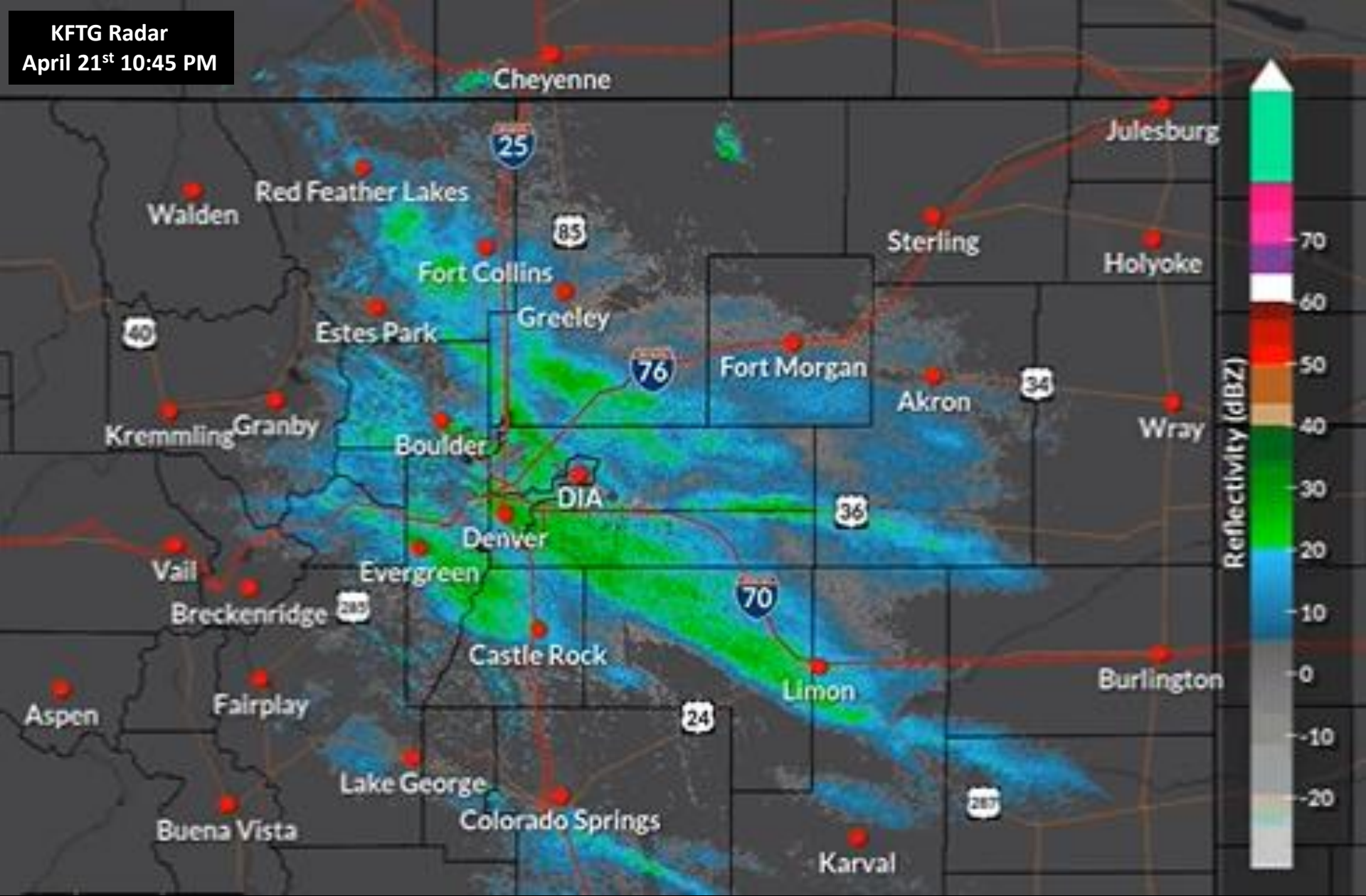


Departure from Normal Precipitation
April 2023 (Inches)



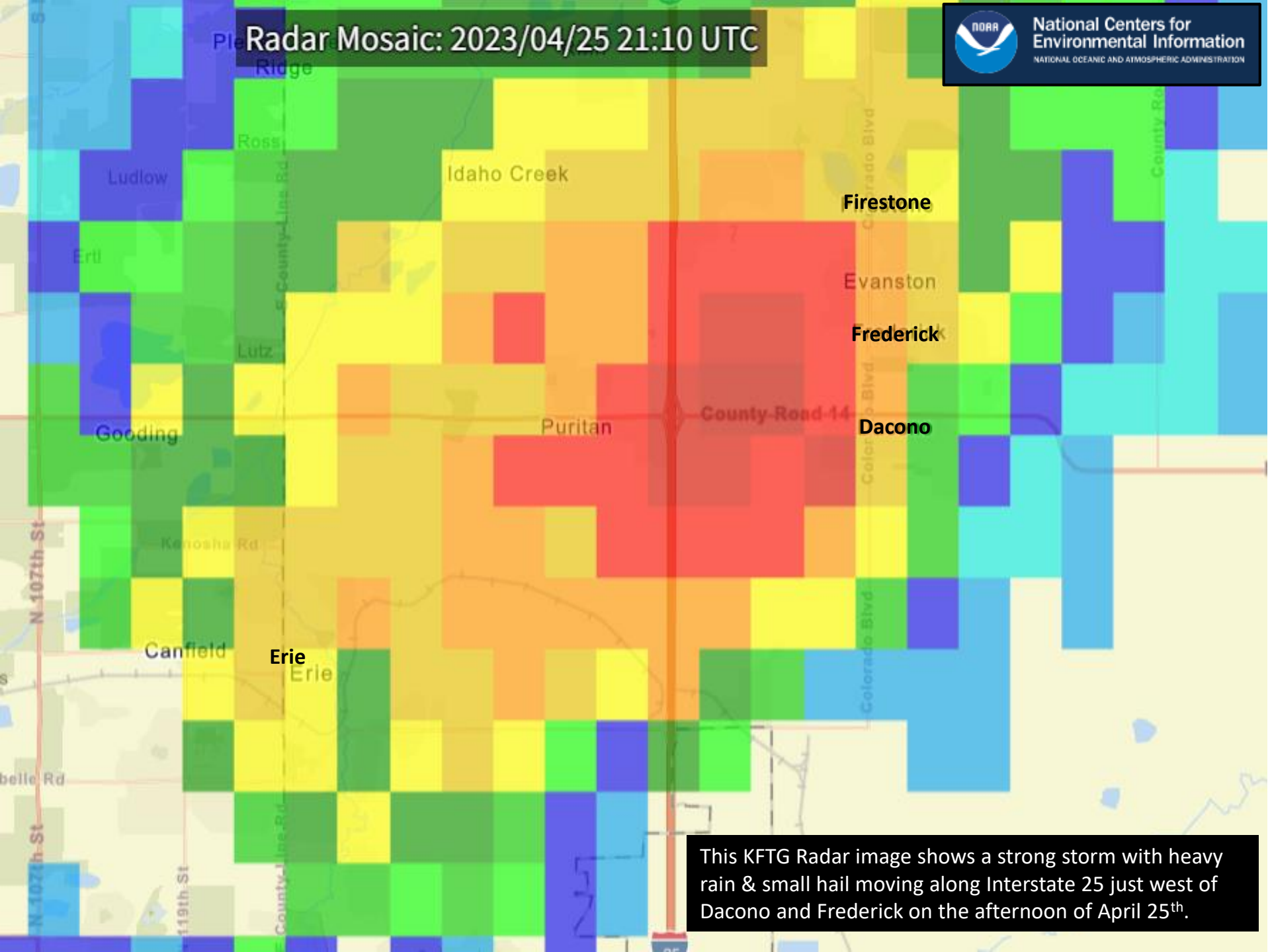
Graphics generated by HPRCC using provisional data

KFTG Radar
April 21st 10:45 PM



This radar image shows bands of moderate to heavy snow along the Front Range Foothills and adjacent plains during the late evening of April 21st. Snowfall amounts ranged from 0.5" to 4.5" across the Front Range Urban Corridor with the heaviest amounts over Aurora. Heavier amounts fell across some foothills locations with 8.3" measured five miles northwest of Evergreen.

Radar Mosaic: 2023/04/25 21:10 UTC

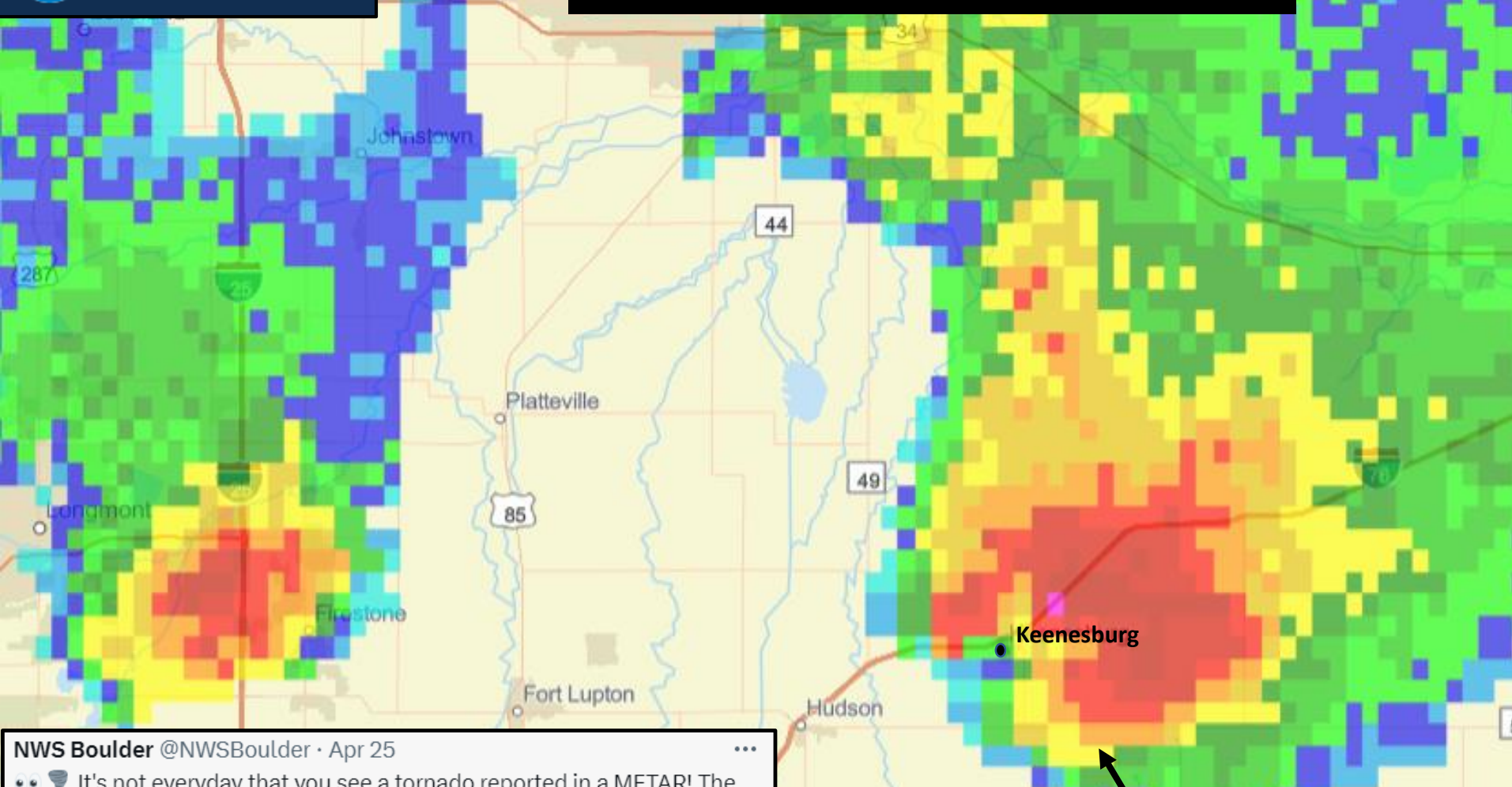


This KFTG Radar image shows a strong storm with heavy rain & small hail moving along Interstate 25 just west of Dacono and Frederick on the afternoon of April 25th.

I-25 WF 293.10 SB : 7.6 miles W of CO 92



Thunderstorms brought heavy rain and small hail to portions of the Front Range Urban Corridor on the afternoon of April 25th. This CDOT cam image was taken on Interstate 25 west of Dacono.



NWS Boulder @NWSBoulder · Apr 25

🔊 It's not everyday that you see a tornado reported in a METAR! The Denver International Airport weather observation reported one just before 3pm today. That tornado has since dissipated. #COWx

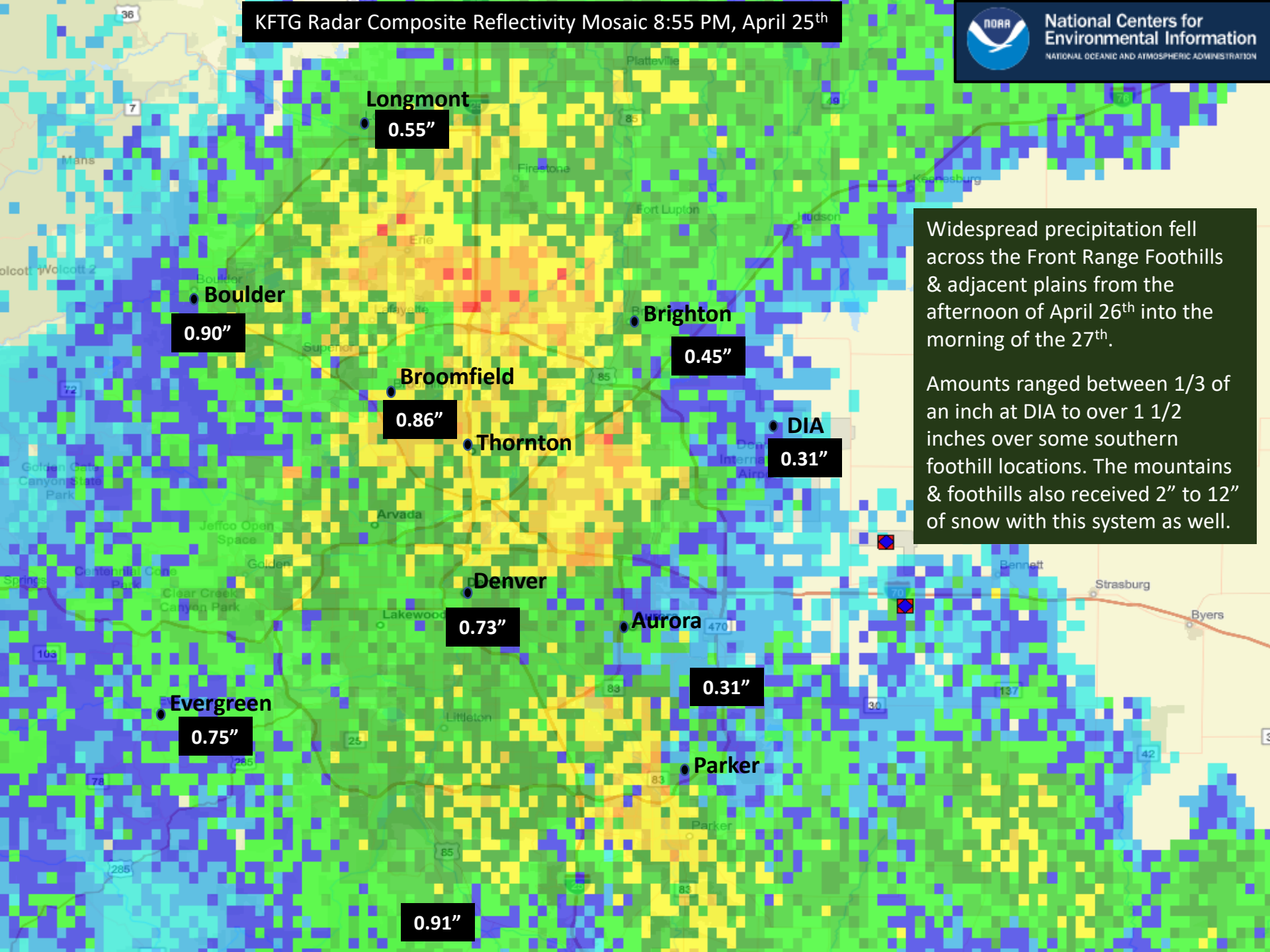
KDEN [Denver Intl]

KDEN 252059Z 34020G27KT 10SM BKN090 BKN120
981 RMK **TORNADO** E58 AO2 LTG DSNT W-NE CB DSI
28

PRELIMINARY LOCAL STORM [REPORT](#)
NATIONAL WEATHER SERVICE DENVER CO
301 PM MDT TUE APR 25 2023

..TIME...	...EVENT...	...CITY LOCATION...	...LAT..LON...
..DATE...	...MAG....	..COUNTY LOCATION..ST..	...SOURCE....
	..REMARKS..		
0250 PM	TORNADO	4 SW PROSPECT VALLEY	40.03N 104.47W
04/25/2023		WELD CO	TRAINED SPOTTER

KFTG Radar Composite Reflectivity Mosaic 8:55 PM, April 25th



Widespread precipitation fell across the Front Range Foothills & adjacent plains from the afternoon of April 26th into the morning of the 27th.

Amounts ranged between 1/3 of an inch at DIA to over 1 1/2 inches over some southern foothill locations. The mountains & foothills also received 2" to 12" of snow with this system as well.

SNOWFALL:

2.2 inches of snow fell during April 2023 which is 3.9 inches below the monthly average of 6.1 inches. There were only 3 days with measurable snowfall during the month with the greatest daily amount of 1.3 inches measured on the 22nd.

TEN HIGHEST SNOW TOTALS FOR APRILS IN DENVER WEATHER HISTORY: INCHES

- 33.8 – 1933
- 32.0 – 1885
- 28.3 – 1920
- 28.2 – 1954
- 25.5 – 1957
- 25.4 – 1909
- 25.0 – 1907
- 24.8 – 1973
- 23.3 – 1935
- 21.0 - 1922

THIRTEEN LEAST SNOWIEST APRILS IN DENVER WEATHER HISTORY: INCHES

- 0.0 - 1995, 1982, 1943, 1930
- TRACE - 2002, 1969, 1946, 1925, 1915, 1910, 1889, 1888, 1887

There were 2 days in which thunder was observed at Denver International Airport and no days with fog during the month. The peak wind gust of 57 mph from the northwest occurred on the 19th.